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**REGISTERED PATENT AGENTS

November 24, 1999

WRITER'S DIRECT NUMBER:
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INTERNET ADDRESS:
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Assistant Commissioner for Patents
Washington, D.C. 20231

Box Patent Application

Re: U.S. Non-Provisional Utility Patent Application under 37 C.F.R. § 1.53(b)
Appl. No. To Be Assigned; Filed: Herewith
For: **Death Domain Containing Receptor-4 Antibodies (As Amended)**
Inventors: *NI et al.*
Our Ref: 1488.1300004/EKS/EJH

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. PTO Utility Patent Application Transmittal Form (PTO/SB/05);
2. U.S. Utility Patent Application entitled:

Death Domain Containing Receptor-4 Antibodies (As Amended)

and naming as inventors:

NI, Jian
ROSEN, Craig A.
PAN, James G.
GENTZ, Reiner L.
DIXIT, Vishva M.

the application consisting of:

Assistant Commissioner for Patents

November 24, 1999

Page 2

- a. A specification containing:
 - (i) 63 pages of description prior to the claims, including a sequence listing on pages 47 to 63;
 - (ii) 8 pages of claims (21 claims);
 - (iii) a one (1) page abstract;
- b. 8 sheets of drawings: (Figures 1A, 1B, 2A, 2B, 3, 4A, 4B, 5A, 5B, 5C, 6A & 6B);
- c. Substitute Sequence Listing (pages 1-16);
- d. A substitute computer readable disk copy of the Substitute Sequence Listing;
- e. A copy of the executed Declaration, as filed in U.S. Appl. No. 09/013,895;
- f. Preliminary Amendment with attachments:
 - Exhibit A - *Gibco BRL Products and Reference Guide, 2000-2001*;
 - Exhibit B - *Ausubel et al., Current Protocols in Molecular Biology*;
 - Exhibit C - Abstract of Chou and Roizman, *J. Virol.* 57:629-637;
 - Exhibit D - Abstract of Mauri *et al., Immunity* 8:21-30;
- g. Our check No. 26047 for \$1,594.00 to cover:
\$760.00 - filing fee for patent application;
\$834.00 - fee for excess claims;

3. PTO Fee Transmittal Form PTO/SB/17 (*in duplicate*);
4. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3) (*in duplicate*); and
5. Two (2) return postcards.

In accordance with 37 C.F.R. § 1.821(f), the paper copy of the substitute sequence listing and the computer readable copy of the sequence listing submitted herewith are the same.

Assistant Commissioner for Patents
November 24, 1999
Page 3

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036. A duplicate copy of this letter is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Eric K. Steffe
Attorney for Applicants
Registration No. 36,688

EKS/EJH/cmg
Enclosures

P:\USERS\BHAANES\Work Products\1488\130\1300004\Divisional-tml

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

NI *et al.*

Appl. No. To Be Assigned

Filed: Herewith

For: **Death Domain Containing
Receptor 4 Antibodies (As
Amended)**

Art Unit: To Be Assigned

Examiner: To Be Assigned

Atty. Docket: 1488.1300004/EKS/EJH

U.S. PTO
JC584 09/444868
11/24/99

**Authorization To Treat A Reply As Incorporating An Extension Of Time
Under 37 C.F.R. § 1.136(a)(3)**

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply. A duplicate copy of this authorization is enclosed.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Eric K. Stoffe
Attorney for Applicants
Registration No. 36,688

Date: November 24, 1999
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Washington, D.C. 20005-3934
(202) 371-2600

P:\USERS\BHAANES\Work Products\1488\130\1300004\Authorization



Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for new nonprovisional applications under 37 CFR § 1.53(b))</i>	Attorney Docket No. 1488.1300004/EKS/EJH	
	First Inventor or Application Identifier NI et al.	
	Title	Death Domain Containing Receptor-4 Antibodies (As Amended)
	Express Mail Label No.	

APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
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1. * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages 72]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure

3. Drawing(s) (35 U.S.C. 113) [Total Sheets 8]

4. Oath or Declaration [Total Pages 4]
 a. Newly executed (original or copy)
 b. Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)
[Note Box 5 below]
 i. **DELETION OF INVENTOR(S)**
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked)
 The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 a. Computer Readable Copy
 b. Paper Copy (identical to computer copy)
 c. Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. Assignment Papers (cover sheet & document(s))

9. 37 CFR 3.73(b) Statement Power of Attorney (when there is an assignee)

10. English Translation Document (if applicable)

11. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations

12. Preliminary Amendment

13. Return Receipt Postcards (2) (MPEP 503)
(Should be specifically itemized)

14. *Small Entity Statement(s) (PTO/SB/09-12) Statement filed in prior application, Status still proper and desired

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Other: 37 C.F.R. § 1.136(a)(3) Authorization

Other Substitute Sequence Listing (pp. 1-16); Substitute Computer Readable Disk;

**NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).*

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation Divisional Continuation-in-Part (CIP) of prior application No: 09/013,895
 Prior application information: Examiner Kaufman, C. Group/Art Unit: 1646

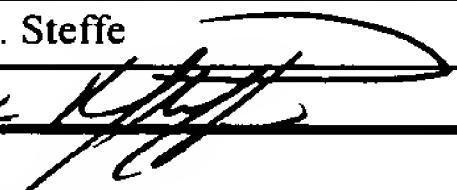
18. CORRESPONDENCE ADDRESS

Customer Number
 or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or Correspondence address below

NAME	STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C. Attorneys at Law				
ADDRESS	Suite 600, 1100 New York Avenue, N.W.				
CITY	Washington	STATE	DC	ZIP CODE	20005-3934
COUNTRY	USA	TELEPHONE	(202) 371-2600	FAX	(202) 371-2540

NAME (Print/Type)	Eric K. Steffe	Registration No. (Attorney/Agent)	36,688
SIGNATURE		Date	November 24, 1999

Burden Hour Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL

for FY 1999

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.**Complete if Known**

Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	NI et al.
Examiner Name	To Be Assigned
Group / Art Unit	To Be Assigned
Attorney Docket Number	1488.1300004/EKS/EJH

TOTAL AMOUNT OF PAYMENT

(\$1,594.00)

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number **19-0036**
 Deposit Account Name **Sterne, Kessler, Goldstein & Fox P.L.L.C.**

Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. Payment Enclosed: Check No. 26047

Money Order Other*

*Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 19-0036.

FEE CALCULATION**1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	760	201	380	Utility filing fee	<u>760.00</u>
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	760	208	380	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$)760.00**2. EXTRA CLAIM FEES**

Extra	Fee from below	Fee Paid
Total Claims 62	- 20** = 42 X 18	= <u>756.00</u>
Indep. Claims 4	- 3** = 1 X 78	= <u>78.00</u>

Multiple Dependent _____ = _____

** or number previously paid, if greater; For Reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim
108	78	209	39	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)834.00**3. ADDITIONAL FEES**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	

122 130 122 130 Petitions to the Commissioner

123 50 123 50 Petitions related to provisional applications

126 240 126 240 Submission of Information Disclosure Stmt

581 40 581 40 Recording each patent assignment per property (times number of properties)

146 760 246 380 Filing a submission after final rejection (37 CFR 1.129(a))

149 760 249 380 For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify):

Other fee (specify):

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY**Complete (if applicable)**

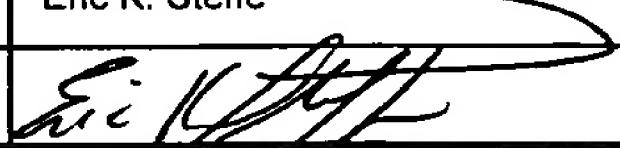
Typed or Printed Name

Eric K. Steffe

Reg. Number

36,688

Signature



Date

November 24, 1999

Deposit Acct. User ID

19-0036